

Appl. No. : 10/714,097  
Filed : November 14, 2003

### AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

1. (Previously Presented) A method comprising:  
Scanning a bar code with a first scanner to obtain first information; and  
Scanning said bar code with a second scanner, different from said first scanner,  
to obtain second information, different than said first information; and  
decoding the bar code to obtain information about personal identification  
therefrom, in a base N format, where N is at least 80% of the capability of all digits of  
the bar code.

2-6 (cancelled)

7. (Withdrawn) A method comprising:  
obtaining personal identification information,  
converting said personal identification information to a string of digits of base N,  
where N is greater than 10;  
forming a bar code representing said base N number; and  
using said bar code to represent said personal identification information.

8. (Withdrawn) A method as in claim 7, wherein said bar code is in a  
specified format that uses at least eighty percent of the available digits of said bar code  
in said base N number.

Appl. No. : 10/714,097  
 Filed : November 14, 2003

9. (Withdrawn) A method as in claim 7, wherein said converting comprises converting to a form which uses all numbers, and at least some letters representing base N numbers greater than 10.

10. (Withdrawn) A method as in claim 7, wherein said personal identification information includes an address to be used to look up additional information.

11. (Withdrawn) A method as in claim 10, wherein a first part of the bar code includes actual personal identification information, and a second part of the bar code includes an address to look up additional characteristics.

12. (Withdrawn) A method as in claim 11, wherein said second part of the bar code is a linear bar code and said first part of the bar code is an additional part.

13. (Withdrawn) A method as in claim 12, wherein said additional part is a two dimensional part.

14. (Withdrawn) A method as in claim 12, wherein said additional part is a color or grayscale part.

15. (Withdrawn) A method as in claim 7, wherein said personal identification information is a picture.

Appl. No. : 10/714,097  
Filed : November 14, 2003

16. (Withdrawn) A method as in claim 7, wherein said personal identification information is dynamic information about the way that the user takes some action.

17. (cancelled)

18. (Currently amended) ~~A method as in claim 17,~~ A method of forming a communication, comprising:

forming a communication;

forming a bar code as part of the communication, said bar code including  
scannable information which, when scanned, forms information that is supplemental to  
said communication, wherein said communication is an advertisement and said bar code represents a way to obtain more information about said advertisement.

19. (Currently amended) ~~A method as in claim 17,~~ A method of forming a communication, comprising:

forming a communication;

forming a bar code as part of the communication, said bar code including  
scannable information which, when scanned, forms information that is supplemental to  
said communication, wherein said communication describes a time and place of some event, and said bar code represents said time and place.

20. (Original) A method as in claim 19, further comprising scanning said bar code to automatically enter said time and place into a computer doing the scanning.

Appl. No. : 10/714,097  
Filed : November 14, 2003

21. (Currently amended) A method as in claim ~~47~~ 19, wherein said communication is an email.

22. (Original) A method as in claim 21, further comprising an additional scannable bar code as part of said email which enables a user to automatically make a decision about contents of said email and send said decision to a remote location.

23. (Original) A method as in claim 22, wherein said decision is an acceptance or rejection.

24. (currently amended) A method as in claim ~~47~~ 18, wherein said bar code represents an address to additional information.

25. (Original) A method as in claim 24, further comprising using a computer which has scanned said bar code to access a publicly available database with said address; and

obtaining additional information related to said bar code from said publicly available database.

26. (Original) A method as in claim 25, wherein said publicly available database is accessible via the Internet.

Appl. No. : 10/714,097  
Filed : November 14, 2003

27. Cancelled

28. (Currently amended) A method as in claim ~~47~~18, wherein said bar code is a dual type bar code, with a first a part that is interpreted by a first bar code scanning process to obtain first information and a second part which is interpreted by a second bar code scanning process to obtain second information that has more information than first information.

29. (Original) A method as in claim 28, wherein said first part is a linear bar code and said second part is a non-linear bar code.

30. (Original) A method as in claim 28, wherein said first process is a scan in a first direction and said second process is a scan in a second direction.

31. (Original) A method as in claim 28, wherein said second part is one of grayscale or color of the bar code.

32. (Withdrawn) A method of reading a bar code, comprising:  
using a camera in a consumer device to obtain an image of a person at a first time;  
using the same camera in said consumer device to obtain an image of a bar code at a second time; and

Appl. No. : 10/714,097  
Filed : November 14, 2003

using a processor in said consumer device to automatically decode contents of said bar code.

33. (Withdrawn) A method as in claim 32, wherein said consumer device is a cellular telephone.

34. (Withdrawn) A method as in claim 32, wherein said consumer device is a portable computer.

35. (Withdrawn) A method as in claim 32, wherein said decoding comprises determining a first portion of the bar code in a first linear bar code format, and determining a second portion of the bar code which is in a second format different than said linear format.

36. (Withdrawn) A method as in claim 35, wherein said second format is a two-dimensional format.

37. (Withdrawn) A method as in claim 35, wherein said second format includes information in the color of the bar code.

38. (Currently amended) A method comprising:  
decoding a bar code to obtain information from the bar code;  
using said information to access a web site that is addressed based on said

Appl. No. : 10/714,097  
Filed : November 14, 2003

information, wherein said decoding comprises decoding an image of a bar code that is associated with an advertisement, said decoding said image forming said information.

39. (Original) A method as in claim 38, wherein said bar code is a two-dimensional bar code.

40. (Original) A method as in claim 38, wherein said bar code is a three-dimensional bar code.

41. (Original) A method as in claim 38, wherein said bar code includes different parts which include different information, one of said parts including said information to access the web site.

42. (Original) A method as in claim 38, wherein said decoding comprises receiving an e-mail which includes an image of a bar code, and decoding said image to form said information.

43. Cancelled

44. (Withdrawn) A barcode comprising:  
a series of portions encoded to represent information, wherein said information includes a Web address that can be used to access an Internet web site.

45. (Withdrawn) A barcode as in claim 44, wherein said series of portions is

Appl. No. : 10/714,097  
Filed : November 14, 2003

within an e-mail.

46. (Withdrawn) A barcode as in claim 44, wherein said series of portions is within an advertisement.

47. (Withdrawn) A barcode as in claim 44, wherein said series of portions is encoded with the first amount of information in a single direction, and with a second amount of information when read in multiple directions.